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HENRY T. BRENDZEL**

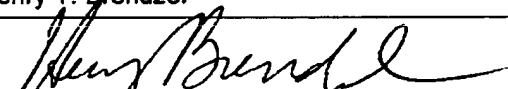
Date: September 29, 2000	
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Henry Brendzel

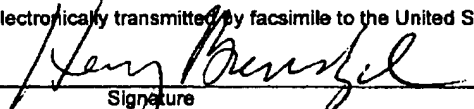
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Complete if Known	
		Application Number	09/300494
		Filing Date	4/28/99
		First Named Inventor	Arthur Robert Calderbank
		Examiner Name	A. Park
		Group/Art Unit	2734
Total number of pages in this Submission	4	Attorney Docket ID	Calderbank 19-6-42

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.2 or 1.53 <input type="checkbox"/> Declaration (no Missing Parts Notice)	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (TO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation or Change of Correspondence Address <input type="checkbox"/> Express Abandonment <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> To Convert to Statutory Invention Registration	<input type="checkbox"/> Postcard(s) <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for a Refund <input type="checkbox"/> After Allowance Communication to group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	Henry T. Brendzel	
Signature		Date 9/29/00

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Henry Brendzel		9/27/00
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Calderbank 19-6-42

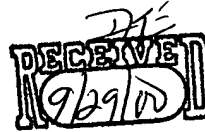
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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s)	Arthur Robert Calderbank Ayman Naguib Nambirajan Seshadri	Case Name	Calderbank 19-6-42
Filing Date	4/28/99	Serial No.	09/300494
Examiner	A. Park	Group Art Unit	2734
Title	Combined Channel Coding and Space-Time Block Coding in a Multi-Antenna Arrangement		

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
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AMENDMENT

In response to an Office action dated July 19, 2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Delete claims 1 and 2.

3. A transmitter comprising:

a demultiplexer responsive to an applied input signal for developing a plurality of at least two signal streams, and

a like plurality of channel coding/space-time coding transmitters, each responsive to a different signal stream of said plurality of signal streams.

4. The transmitter of claim 3 where each of said channel coding/space-time coding transmitters comprises:

a channel coder of rate R_i ,

a space-time encoder responsive to output signal of said channel code encoder,

a modulator responsive to said space time-encoder,

pulse shaping circuitry responsive to said modulator, and